

PTGER2 recombinant antibody

PTGER2 Antibody

CATALOG # AAA243929	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
-------------------------------	-----------------------	----------------------------	--

PRODUCT SYNONYMS

PTGER2; Monoclonal Recombinant Antibody; PTGER2 Antibody; Prostaglandin E2 receptor EP2 subtype (PGE receptor EP2 subtype) (PGE2 receptor EP2 subtype) (Prostanoid EP2 receptor); PTGER2 recombinant antibody

PRODUCT SPECIFICATIONS

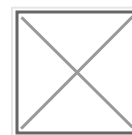
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	8D8
Purity/Purification	Affinity-chromatography
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, PH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for PTGER2 recombinant antibody	IHC (Immunohistochemistry), ELISA
Antibody Type	Recombinant Antibody
Conjugation	Non-conjugated
Immunogen	A synthesized peptide derived from human PTGER2
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

IHC image diluted at 1:100 and staining in paraffin-embedded human placenta tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.



IHC (Immunohistochemistry)

IHC image diluted at 1:100 and staining in paraffin-embedded human kidney tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.

ADDITIONAL INFORMATION

Related Product Information for PTGER2 recombinant antibody	Receptor for prostaglandin E2 (PGE2). The activity of this receptor is mediated by G(s) proteins that stimulate adenylate cyclase. The subsequent raise in intracellular cAMP is responsible for the relaxing effect of this receptor on smooth muscle.
---	---

Product Categories/Family for PTGER2 recombinant antibody	Cancer; Metabolism; Signal transduction
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	31881630
NCBI GeneID	5732
NCBI Accession #	NP_000947.2
NCBI GenBank Nucleotide #	NM_000956.3
UniProt Accession #	P43116; Q52LG8; D3DSC0
Molecular Weight	39,761 Da
NCBI Official Full Name	prostaglandin E2 receptor EP2 subtype
NCBI Official Synonym Full Names	prostaglandin E receptor 2 (subtype EP2), 53kDa
NCBI Official Symbol	PTGER2
NCBI Official Synonym Symbols	EP2
NCBI Protein Information	prostaglandin E2 receptor EP2 subtype; prostanoid EP2 receptor; PGE receptor EP2 subtype; PGE2 receptor EP2 subtype
UniProt Protein Name	Prostaglandin E2 receptor EP2 subtype
UniProt Gene Name	PTGER2
UniProt Synonym Gene Names	PGE receptor EP2 subtype
UniProt Entry Name	PE2R2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/ptger2-recombinant-antibody-clone-8d8-immunohistochemistry-elisa/243929>